



Missouri
Department of
Natural Resources

City of Independence
Power Plant Name: Station H
Electric Generation and Emissions in 2010

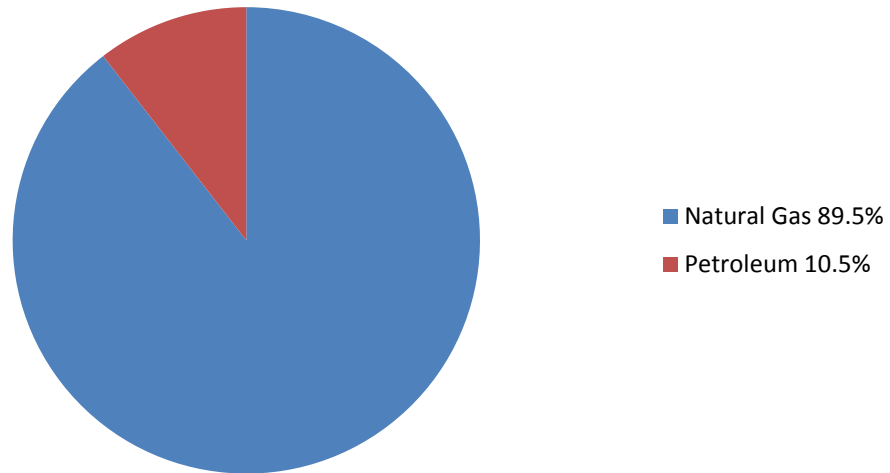
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas	21,900	89.5%	89.5%	923	89.5%	89.5%
Petroleum	2,572	10.5%	10.5%	108	10.5%	10.5%
Nuclear						
Other						
Non-renewable total	24,472	100.0%	100.0%	1,031	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	24,472		100.0%	1,031		100.0%

Fuel Type	Physical Units	Number of Units
Natural Gas	MCf	21,746
Distillate Fuel Oil	Barrels	467



Net Generation by Fuel Type, 2010 for Station H





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Power Plant Nameplate information for Station H

Plant Name	County Location	Generator	Generator Type	Generator Status	Nameplate Capacity (MW)
<i>Station H</i>		<i>All Operating Generators</i>			<i>172.0</i>
Station H	Jackson	1	Combustion (Gas) Turbine (includes jet engine design)	Operating - in service	76.0
Station H	Jackson	2	Combustion (Gas) Turbine (includes jet engine design)	Operating - in service	96.0



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Emissions from Electricity Generated in 2010: Station H

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
Station H	13,795	5,950	131	16

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
Station H	0	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on Station H power plant

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on Station H power plant

Plant	Control Equipment
	No FGP Controls Installed



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Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>